

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-7. (canceled)

8. (currently amended) A device for detecting the pressure in a combustion chamber of an internal combustion engine, the internal combustion engine having a cylinder head having a wall and having an orifice passing through said wall, said orifice having an axis, said orifice being configured to have disposed a spark plug, a fuel injector or a glow plug in said orifice and extending from inside the cylinder head to outside the cylinder head, the spark plug, fuel injector or glow plug being bodily movable as a whole axially within said orifice relative to said wall,

the device including a collar having a portion fixed to said wall in the orifice and the collar having a portion disposed outside said orifice, said fixed portion and said portion disposed outside said orifice being connected by a shoulder such that said fixed portion said portion disposed outside said orifice and said shoulder form a single unit,

said spark plug, fuel injector or glow plug having a confronting portion confronting said portion of said collar

disposed outside said orifice in a direction parallel to said axis, and

pressure sensitive means disposed between said portion of said collar and said confronting portion to detect pressure changes in said cylinder head that cause bodily axial movement of said spark plug, fuel injector or glow plug,

said portion of said collar disposed outside said orifice being externally exposed ~~and releasable from a remainder of said collar~~ such that upon removal of a nut, said spark plug, fuel injector or glow plug can be removed and replaced, and

said spark plug, fuel injector or glow plug is not screwed into said orifice, whereby displacement of the spark plug, fuel injector or glow plug generates pressure to be detected by the pressure sensitive means.

9. (currently amended) A device as claimed in claim 8, wherein said fixed portion is annular and is spaced from said wall on [[the]] an outer side of said wall, and said confronting portion of said spark plug, fuel injector or glow plug is annular, and said pressure sensitive means is annular.

10. (previously presented) A device as claimed in claim 9, wherein said pressure sensitive means is disposed on a side of said confronting portion opposite said wall.

11. (previously presented) A device as claimed in claim 9, wherein said confronting portion is disposed on a side of said pressure sensitive means opposite said wall.

12. (currently amended) A device as claimed in claim 9, wherein said confronting portion and said portion of said collar disposed outside said orifice are of a diameter greater than [[the]] a diameter of said orifice.

13. (currently amended) A device as claimed in claim 9, wherein said confronting portion, [[and]] said pressure sensitive means and said portion of said collar disposed outside said orifice are all disposed outside said orifice.

14. (currently amended) A device as claimed in claim 8, [[and]] further comprising means detachably connecting said collar to said wall separately from said spark plug, fuel injector or glow plug.

15. (canceled)

16. (canceled)

17. (previously presented) A device as claimed in claim 8, wherein said collar is releasable via the nut.

18. (currently amended) A device for detecting pressure in a combustion chamber of an internal combustion engine, the internal combustion engine having a cylinder head having a wall and having an orifice passing through said wall, said orifice having an axis, the device comprising:

a spark plug, a fuel injector or a glow plug, said spark plug, fuel injector or glow plug being disposed in said orifice and extending from inside the cylinder head to outside the cylinder head, said spark plug, fuel injector or glow plug being bodily movable as a whole axially within said orifice relative to said wall, and said spark plug, fuel injector or glow plug is not screwed into said orifice;

a member having a portion fixed to said wall in the orifice and having a portion disposed outside said orifice, said fixed portion and said portion disposed outside said orifice being connected by a shoulder such that said fixed portion said portion disposed outside said orifice and said shoulder form a single unit,

said spark plug, fuel injector or glow plug having a portion confronting said portion disposed outside said orifice of said ~~fixed~~ member in a direction parallel to said axis; and

a pressure sensitive device disposed between said fixed member portion and said confronting portion to detect pressure changes in said cylinder head that cause bodily axial movement of

said spark plug, fuel injector or glow plug, said portion disposed outside said orifice ~~being a fixed member portion~~ being externally exposed, and

a nut releasable from ~~a remainder of said fixed member~~ such that upon removal of said fixed member portion, said spark plug, fuel injector or glow plug can be removed and replaced.

19. (currently amended) A device as claimed in claim 18, wherein said fixed member portion is releasable via ~~the fixed member and~~ the nut.

20. (currently amended) A device for detecting pressure in a combustion chamber of an internal combustion engine, the internal combustion engine having a cylinder head having a wall and having an orifice passing through said wall, said orifice having an axis, the device comprising:

a spark plug, a fuel injector or a glow plug disposed in said orifice and extending from inside the cylinder head to outside the cylinder head, said spark plug, fuel injector or glow plug being bodily movable as a whole axially within said orifice relative to said wall, and said spark plug, fuel injector or glow plug is not screwed into said orifice;

a collar having a portion fixed to said wall in the orifice and having a portion disposed outside said orifice,

said spark plug, fuel injector or glow plug having a portion confronting said portion of said collar disposed outside said orifice in a direction parallel to said axis; and

a pressure sensitive device disposed between said portion of said collar and said confronting portion to detect pressure changes in said cylinder head that cause bodily axial movement of said spark plug, fuel injector or glow plug, said portion disposed outside said orifice being externally exposed ~~and releasable from a remainder of said collar~~, and a nut releasable from a remainder of said collar such that upon removal of said nut, said spark plug, fuel injector or glow plug can be removed and replaced.